

ABSTRACT

A braking mechanism for a skate, such as an in-line roller skate, has at least one braking wheel disposed transverse to the skate boot. The braking wheel operates a piston which displaces liquid from a piston housing when the piston is caused to travel within the piston housing by the rotation of the braking wheel. The piston and the piston housing are configured such that an increasing resistance is applied to the rotation of the braking wheel as the piston travels within the piston housing. Thus, when the skate boot is turned transverse to the direction of the skater and the angle of the boot is adjusted to cause the braking wheel to rotate, the increased resistance to the rotation of the braking wheel as the piston moves within the piston housing acts to slow the skater. When the piston fully traverses the piston housing, the rotation of the braking wheel is terminated and the skater comes to a stop.